Barnes 4WD Winch Fairlead Mount

Barnes 4WD Winch Fairlead Mount Instruction Manual

Model: Winch Fairlead Mount

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Barnes 4WD Winch Fairlead Mount. Please read these instructions thoroughly before installation and retain this manual for future reference. This mount is designed to securely position your Hawse or roller fairlead between your winch and bumper.

2. Product Overview

The Barnes 4WD Winch Fairlead Mount is a robust component designed to facilitate the mounting of standard Hawse or roller fairleads. It is engineered to fit common winch mounting bolt patterns, ensuring compatibility with a wide range of winches.

Key Features:

- Designed for installation between the winch and the bumper.
- Compatible with both Hawse and roller fairleads.
- Standard winch mounting bolt pattern: 10.0" x 4.5".
- Fairlead mounting bolt hole distance: 10" center to center.



Figure 2.1: Front view of the Barnes 4WD Winch Fairlead Mount, showing the mounting holes for a fairlead.

3. Safety Information

Always prioritize safety during installation and use. Failure to follow these safety guidelines may result in property damage, serious injury, or death.

- **Professional Installation Recommended:** If you are not experienced with automotive modifications or heavy equipment, seek professional installation.
- **Use Proper Tools:** Ensure all tools used are in good condition and appropriate for the task.
- **Secure Vehicle:** Always ensure the vehicle is parked on a level surface, the parking brake is engaged, and the wheels are chocked before beginning any work.
- **Wear Protective Gear:** Always wear safety glasses, gloves, and other appropriate personal protective equipment.
- **Pinch Points:** Be aware of potential pinch points during installation, especially when handling heavy components like winches and bumpers.
- **Check Fasteners:** Regularly inspect all bolts and fasteners for tightness, especially after initial installation and off-road use.

4. Package Contents

Verify that all components are present and undamaged before beginning installation. If any parts are missing or damaged, contact Barnes 4WD customer support.

- Barnes 4WD Winch Fairlead Mount (1)
- *Note: Mounting hardware for the winch, fairlead, and bumper is typically supplied with those components or purchased separately. Verify your specific setup requirements.*

5. Setup and Installation

The Barnes 4WD Winch Fairlead Mount is designed for straightforward installation. Follow these steps carefully.

Tools Required (Not Included):

- Wrenches/Sockets (appropriate sizes for your winch and bumper hardware)
- Torque wrench
- Safety glasses and gloves

Installation Steps:

1. **Prepare Vehicle:** Park the vehicle on a level surface, engage the parking brake, and chock the wheels. Disconnect the vehicle's battery if working near electrical components.
2. **Remove Winch/Bumper (if necessary):** Depending on your vehicle and bumper design, it may be necessary to remove the winch or bumper to access the mounting area.
3. **Position Mount:** Place the Barnes 4WD Winch Fairlead Mount between your winch and the bumper. Ensure the mount aligns with the winch's mounting bolt pattern (10.0" x 4.5").
4. **Secure Winch to Mount:** Using appropriate hardware (typically supplied with your winch), bolt the winch to the fairlead mount. Do not fully tighten at this stage.
5. **Secure Mount to Bumper:** Align the fairlead mount with the bumper's mounting points. Using appropriate hardware, bolt the mount to the bumper.
6. **Install Fairlead:** Attach your Hawse or roller fairlead to the mount using the fairlead mounting bolt holes, which are 10" center to center. Ensure the fairlead is oriented correctly for your winch line.
7. **Tighten All Fasteners:** Once all components are in place and aligned, progressively tighten all mounting bolts to the manufacturer's specified torque values for your winch, bumper, and fairlead. Double-check all connections for security.
8. **Final Inspection:** Verify that the fairlead mount, winch, and fairlead are securely installed and that there is no interference with other vehicle components.

6. Operating Instructions

The Barnes 4WD Winch Fairlead Mount is a static component designed to hold a fairlead. It does not have operational controls. Proper operation pertains to the winch and fairlead it supports.

- Always follow the operating instructions provided with your winch and fairlead.
- Ensure the winch line passes smoothly through the fairlead without binding or excessive friction.
- Never operate a winch with a damaged fairlead or mount.

7. Maintenance

Regular inspection and maintenance will ensure the longevity and safe performance of your fairlead mount.

- **Routine Inspection:** Periodically inspect the mount for any signs of damage, cracks, bending, or corrosion, especially after heavy use or off-road excursions.
- **Check Fasteners:** Ensure all mounting bolts for the winch, fairlead, and bumper remain tight. Re-torque as necessary.
- **Cleaning:** Clean the mount regularly to remove dirt, mud, and debris. Use mild soap and water, then rinse thoroughly.
- **Corrosion Protection:** If the mount's finish is compromised, consider applying a protective coating (e.g., paint or powder coat) to prevent rust and corrosion.

8. Troubleshooting

If you encounter issues with your Barnes 4WD Winch Fairlead Mount, consider the following:

- **Fitment Issues:** If the mount does not align with your winch or bumper, double-check the bolt patterns and dimensions. Some aftermarket winch plates or bumpers may have unique designs that require modification or are incompatible.

- **Loose Components:** If the mount or fairlead feels unstable, re-check all fasteners and ensure they are tightened to the correct torque specifications. Vibration from off-road use can loosen bolts over time.
- **Damage/Bending:** If the mount shows signs of bending or damage after heavy winching, it may indicate excessive load or improper installation. Inspect the entire recovery system for other compromised components.

9. Specifications

Product Name	Winch Fairlead Mount
Brand	Barnes 4WD
Winch Mounting Bolt Pattern	10.0" x 4.5"
Fairlead Mounting Bolt Holes	10" center to center
Package Dimensions	12.36 x 8.39 x 6.69 inches
Item Weight	4.83 pounds
Manufacturer	Barnes 4WD

10. Warranty and Support

For specific warranty information regarding your Barnes 4WD Winch Fairlead Mount, please refer to the documentation provided at the time of purchase or visit the official Barnes 4WD website. For technical support, installation assistance, or to report missing/damaged parts, please contact Barnes 4WD customer service directly.

© 2026 Barnes 4WD. All rights reserved.